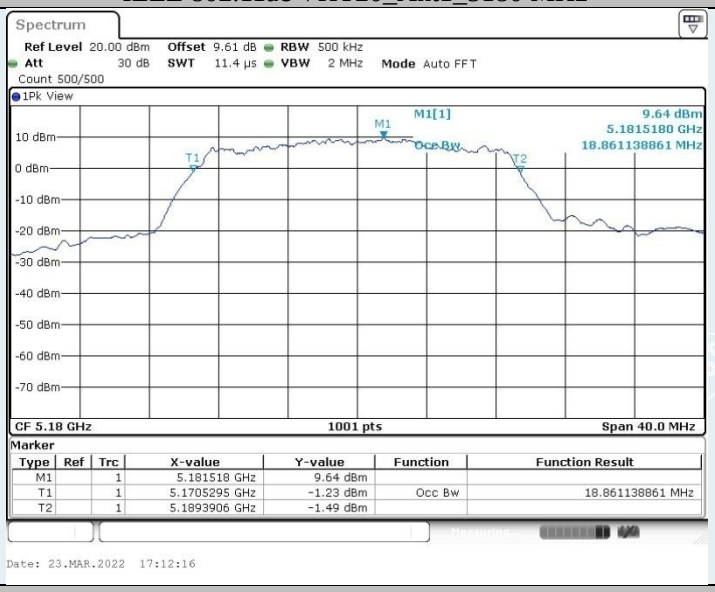
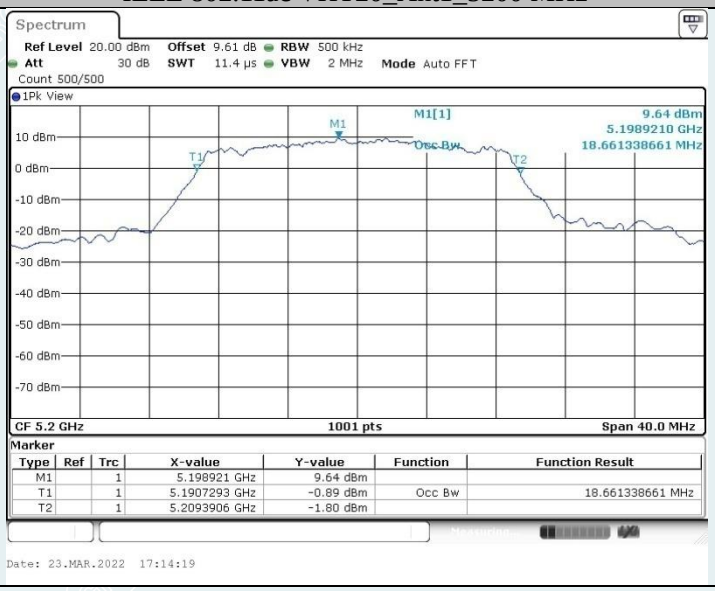
IEEE 802.11ac VHT20_Ant1_5180 MHz



IEEE 802.11ac VHT20_Ant1_5200 MHz



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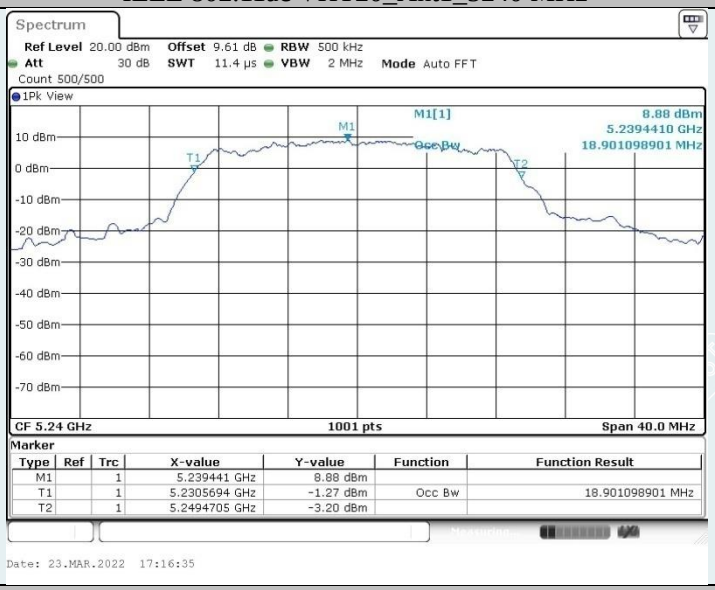
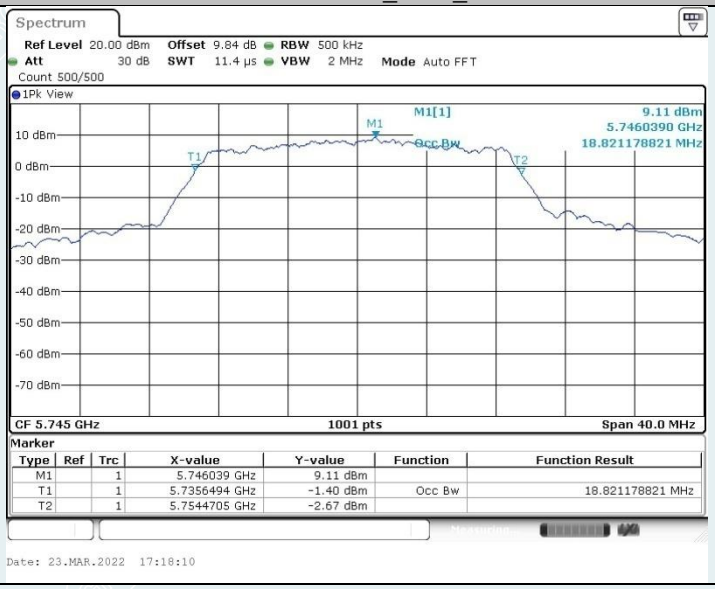
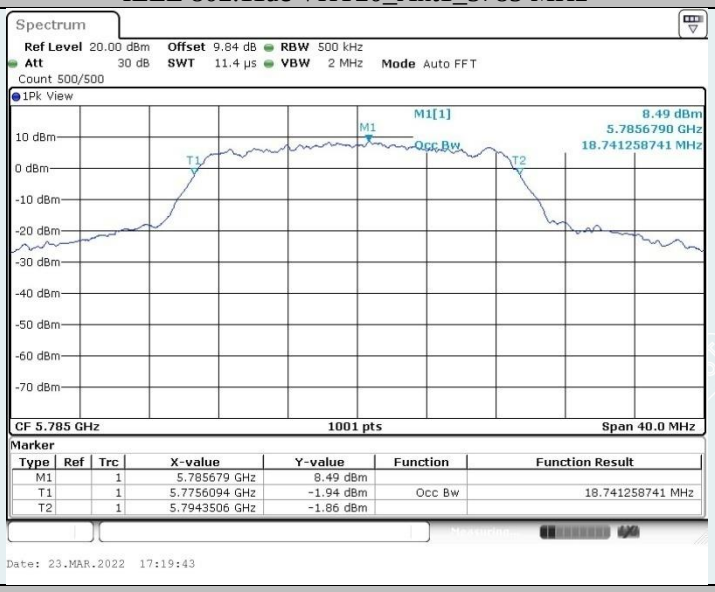
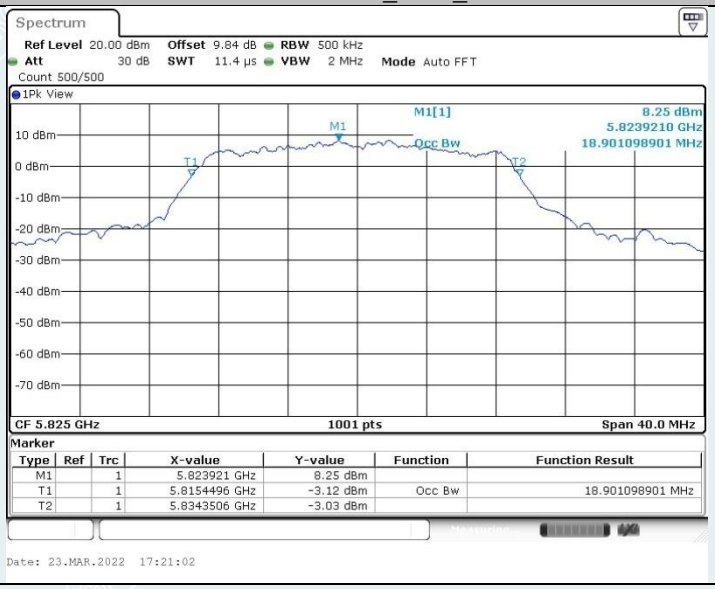


IEEE 802.11ac VHT20_Ant1_5745 MHz


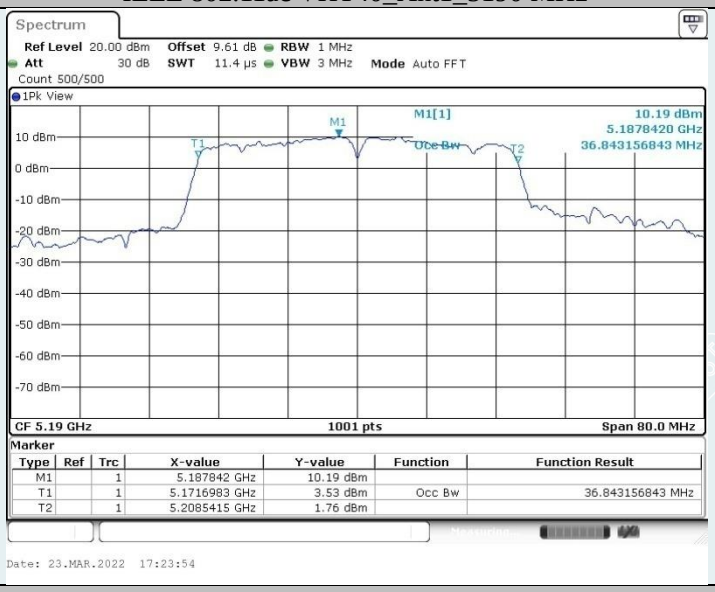
IEEE 802.11ac VHT20_Ant1_5785 MHz



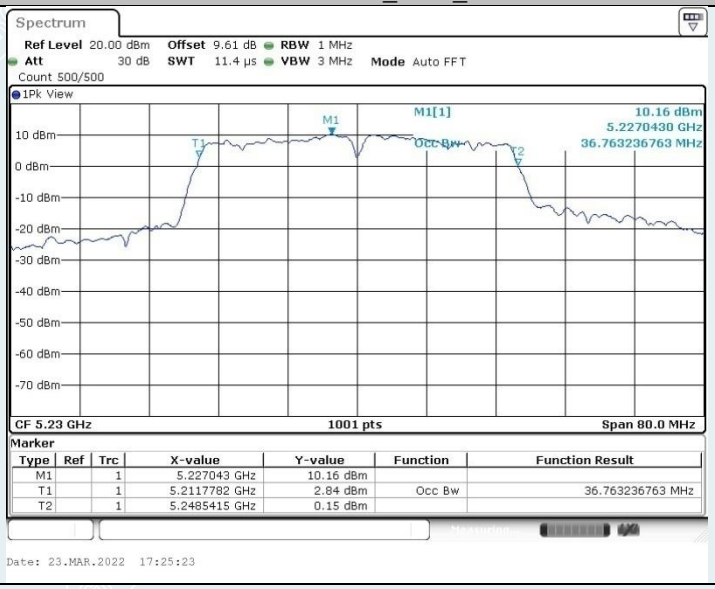
IEEE 802.11ac VHT20_Ant1_5825 MHz



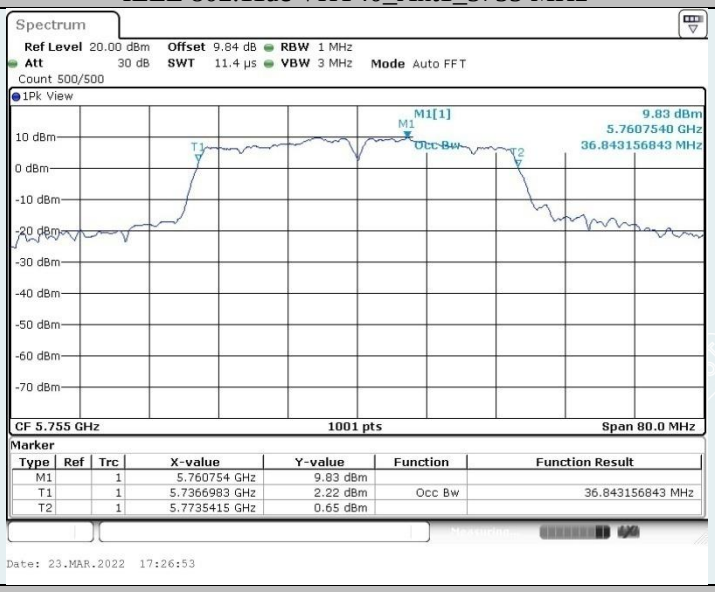
IEEE 802.11ac VHT40_Ant1_5190 MHz



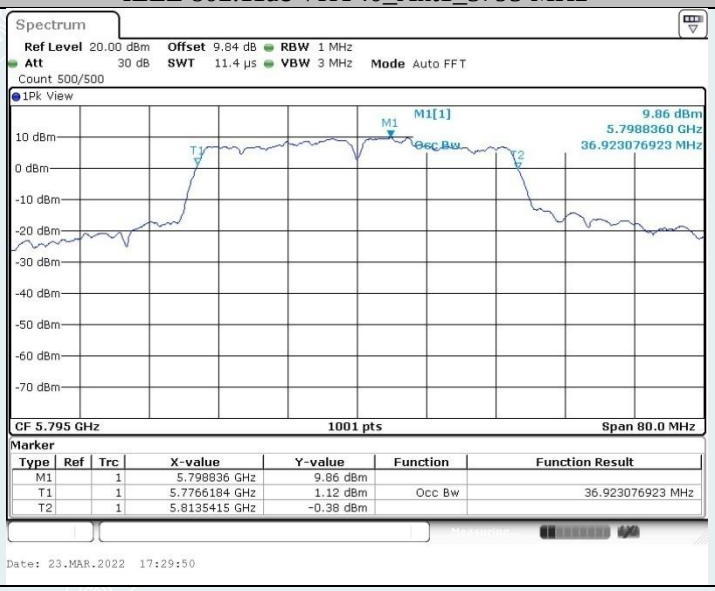
IEEE 802.11ac VHT40_Ant1_5230 MHz



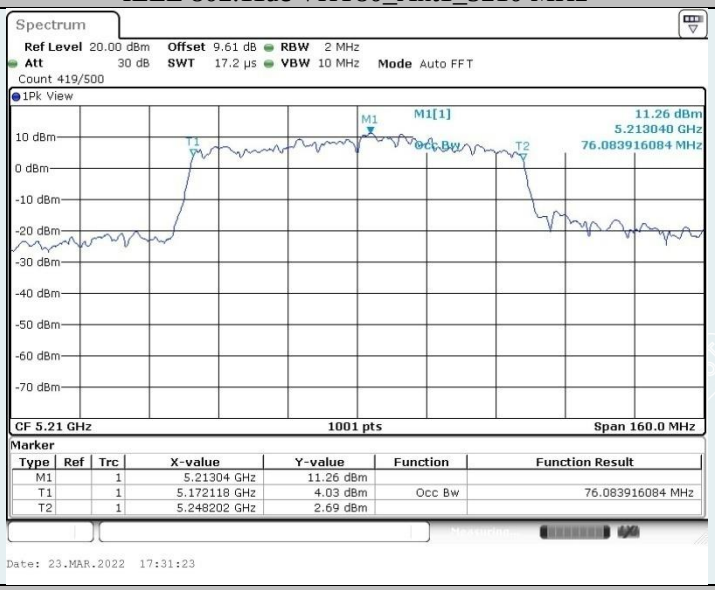
IEEE 802.11ac VHT40_Ant1_5755 MHz



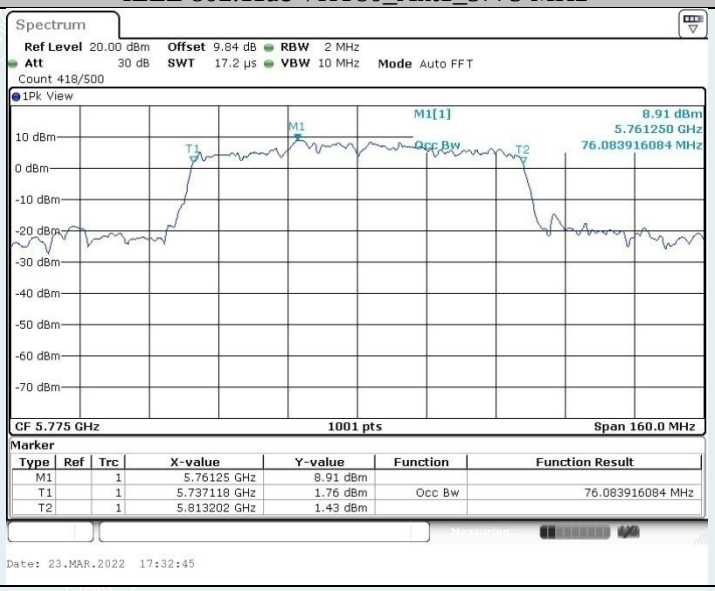
IEEE 802.11ac VHT40_Ant1_5795 MHz



IEEE 802.11ac VHT80_Ant1_5210 MHz



IEEE 802.11ac VHT80_Ant1_5775 MHz



9. OUTPUT POWER

9.1. LIMITS

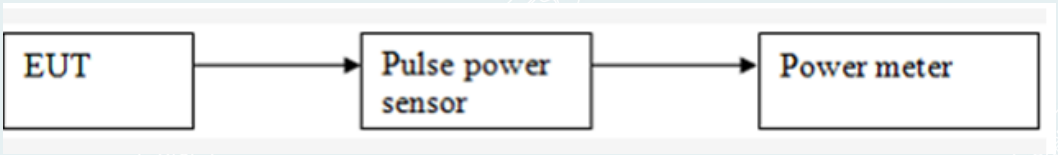
The FCC 15.407(a),The maximum conducted output power should not exceed:

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p≦125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-3	All Device	1W(30dBm)

9.2. TEST PROCEDURES

1) The RF output of EUT was connected to the broadband average RF power meter by RF cable. The path loss was compensated to the results for each measurement.
2) Set to the maximum power setting and enable the EUT transmit continuously.
3) Measure the conducted output power and record the results in the test report.

9.3. TEST SETUP



9.4. TEST RESULTS

Environmental Conditions	22.6℃/48%RH	Test Voltage	AC120V/60Hz
Tested By	Deng Weihao	Tested Date	2022-03-23

Test Mode	Antenna	Band	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit[dBm]	Verdict
IEEE 802.11a	Ant1	U-NII-1	5180	16.29	≤23.98	PASS
			5200	16.11	≤23.98	PASS
			5240	15.82	≤23.98	PASS
		U-NII-3	5745	15.48	≤30.00	PASS
			5785	14.96	≤30.00	PASS
			5825	14.67	≤30.00	PASS
IEEE 802.11n HT20	Ant1	U-NII-1	5180	15.67	≤23.98	PASS
			5200	15.45	≤23.98	PASS
			5240	15.48	≤23.98	PASS
		U-NII-3	5745	15.01	≤30.00	PASS
			5785	14.59	≤30.00	PASS
			5825	14.25	≤30.00	PASS
IEEE 802.11n HT40	Ant1	U-NII-1	5190	16.14	≤23.98	PASS
			5230	16.13	≤23.98	PASS
		U-NII-3	5755	15.56	≤30.00	PASS
			5795	15.57	≤30.00	PASS
IEEE 802.11ac VHT20	Ant1	U-NII-1	5180	15.72	≤23.98	PASS
			5200	15.75	≤23.98	PASS
			5240	15.47	≤23.98	PASS
		U-NII-3	5745	15.15	≤30.00	PASS
			5785	14.73	≤30.00	PASS
			5825	14.35	≤30.00	PASS
IEEE 802.11ac VHT40	Ant1	U-NII-1	5190	16.04	≤23.98	PASS
			5230	15.95	≤23.98	PASS
		U-NII-3	5755	15.89	≤30.00	PASS
			5795	15.65	≤30.00	PASS
IEEE 802.11ac VHT80	Ant1	U-NII-1	5210	15.90	≤23.98	PASS
		U-NII-3	5775	15.10	≤30.00	PASS

Note: The Duty Cycle Factor has compensated in the test results.

10. POWER SPECTRAL DENSITY

10.1. LIMITS

FCC 15.407(a)
The maximum power spectral density should not exceed:

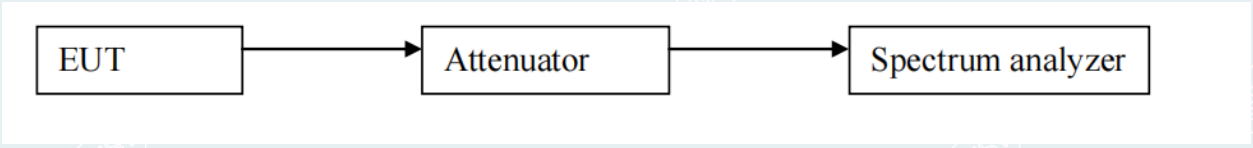
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-3	All Device	30dBm/500kHz

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

10.2. TEST PROCEDURES

Spectrum Parameters	Setting
RBW	1MHz(For U-NII-1) 500kHz(For U-NII-3)
VBW	3MHz(For U-NII-1) 2MHz(For U-NII-3)
Span	encompass the entire 26 dB EBW or 99% OBW of the signal
Sweep Time	Auto
Number of Sweep Point	≥2×SPAN/RBW
Detector	RMS(power averaging)
Trace Average	≥100 traces

10.3. TEST SETUP



10.4. TEST RESULTS

Environmental Conditions	22.6℃/48%RH	Test Voltage	AC120V/60Hz
Tested By	Deng Weihao	Tested Date	2022-03-23

U-NII-1 :

TestMode	Antenna	Frequency [MHz]	Result+ Duty factor [dBm/MHz]	Limit[dBm/MHz]	Verdict
IEEE 802.11a	Ant1	5180	6.04	≤11.00	PASS
		5200	5.79	≤11.00	PASS
		5240	5.36	≤11.00	PASS
IEEE 802.11n HT20	Ant1	5180	5.36	≤11.00	PASS
		5200	4.85	≤11.00	PASS
		5240	5.02	≤11.00	PASS
IEEE 802.11n HT40	Ant1	5190	2.83	≤11.00	PASS
		5230	2.67	≤11.00	PASS
IEEE 802.11ac VHT20	Ant1	5180	5.37	≤11.00	PASS
		5200	5.40	≤11.00	PASS
		5240	5.18	≤11.00	PASS
IEEE 802.11ac VHT40	Ant1	5190	2.40	≤11.00	PASS
		5230	2.35	≤11.00	PASS
IEEE 802.11ac VHT80	Ant1	5210	-0.44	≤11.00	PASS

Note: The Duty Cycle Factor has compensated in the test results.

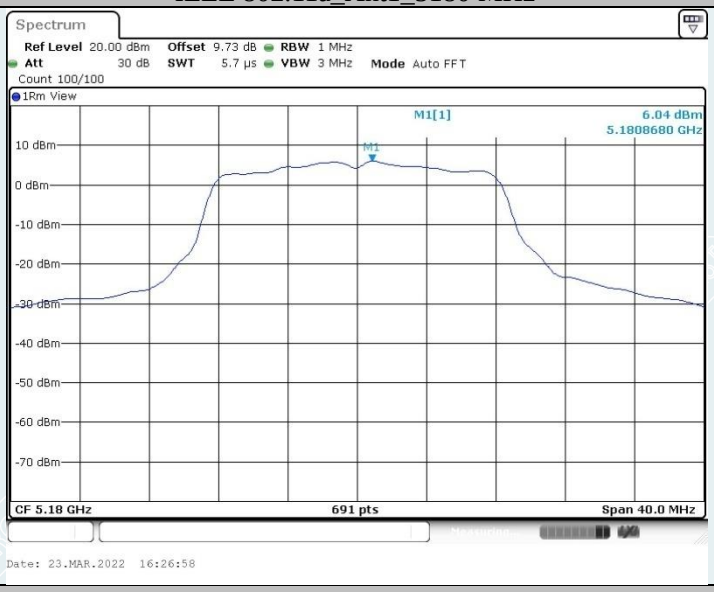
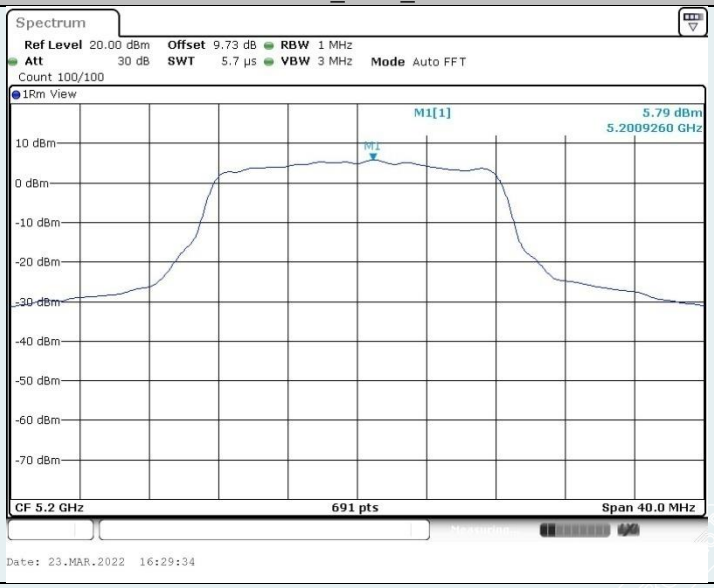
U-NII-3:

TestMode	Antenna	Frequency [MHz]	Result+ Duty factor [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
IEEE 802.11a	Ant1	5745	2.27	≤30.00	PASS
		5785	1.90	≤30.00	PASS
		5825	1.39	≤30.00	PASS
IEEE 802.11n HT20	Ant1	5745	1.69	≤30.00	PASS
		5785	1.11	≤30.00	PASS
		5825	0.62	≤30.00	PASS
IEEE 802.11n HT40	Ant1	5755	-0.77	≤30.00	PASS
		5795	-0.79	≤30.00	PASS
IEEE 802.11ac VHT20	Ant1	5745	1.92	≤30.00	PASS
		5785	1.35	≤30.00	PASS
		5825	1.08	≤30.00	PASS
IEEE 802.11ac VHT40	Ant1	5755	-0.65	≤30.00	PASS
		5795	-0.65	≤30.00	PASS
IEEE 802.11ac VHT80	Ant1	5775	-4.40	≤30.00	PASS

Note: The Duty Cycle Factor has compensated in the test results.

---------- **The following blanks** ----------

Test Graphs

IEEE 802.11a_Ant1_5180 MHz

IEEE 802.11a_Ant1_5200 MHz


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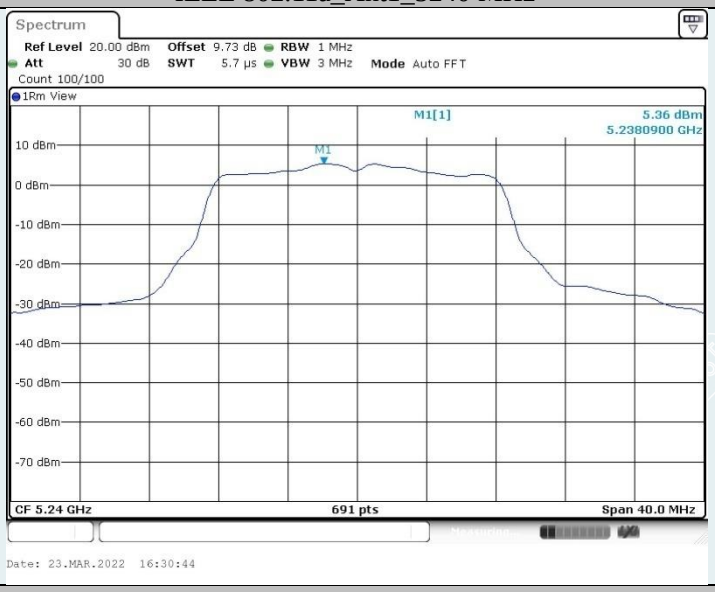
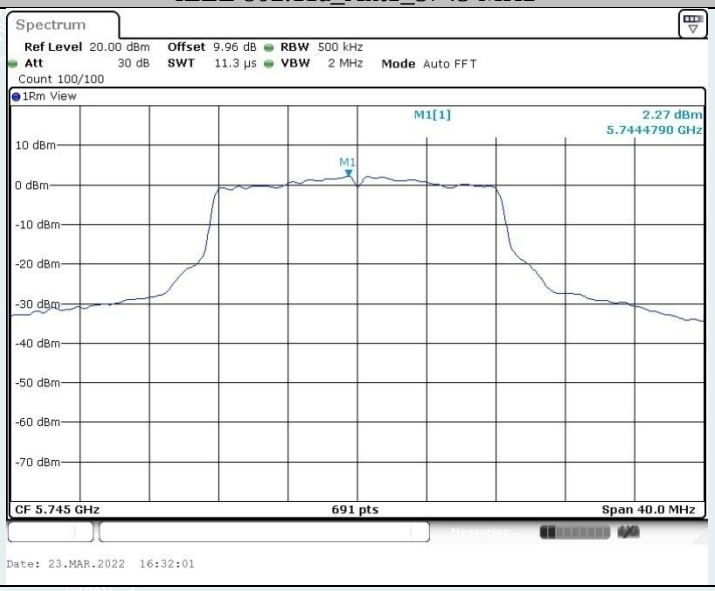

IEEE 802.11a_Ant1_5745 MHz


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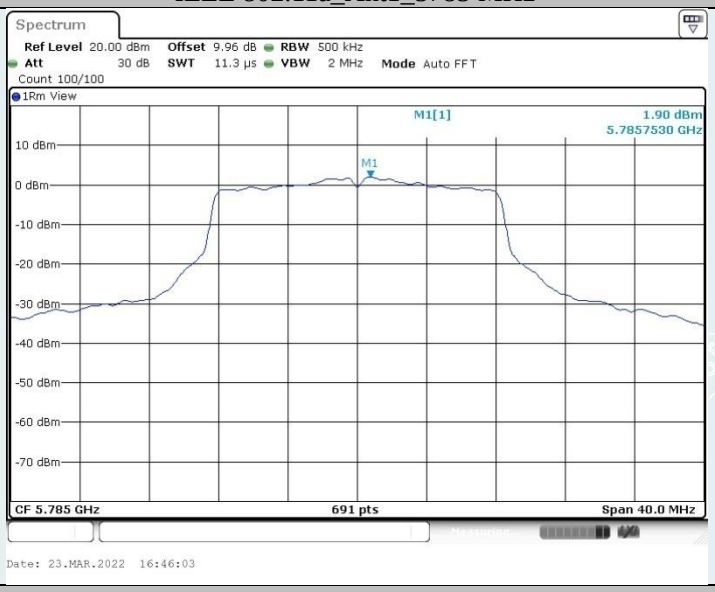
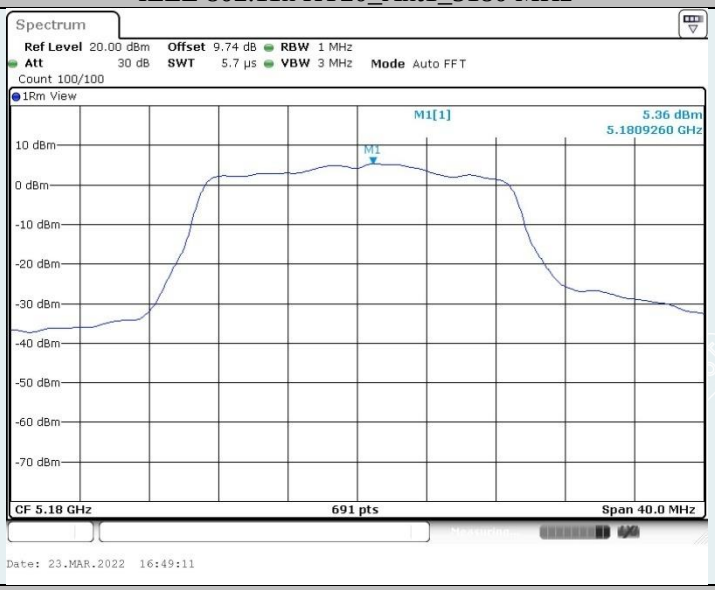

IEEE 802.11a_Ant1_5825 MHz


IEEE 802.11n HT20_Ant1_5180 MHz

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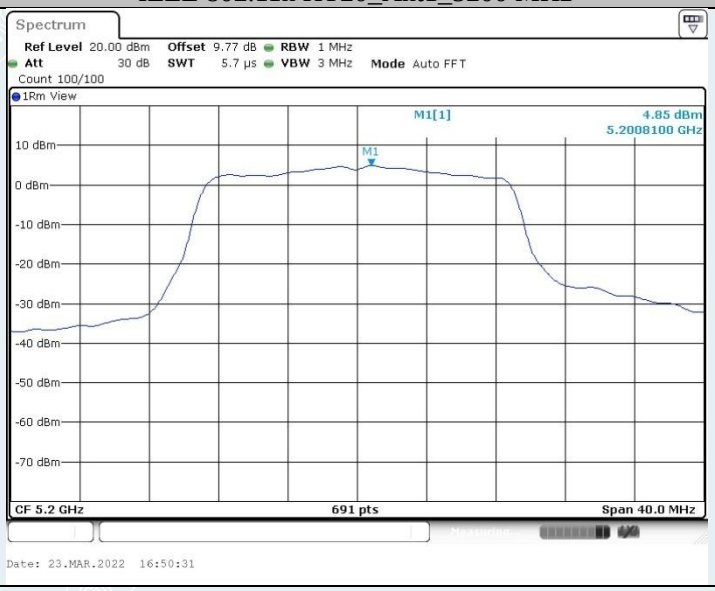

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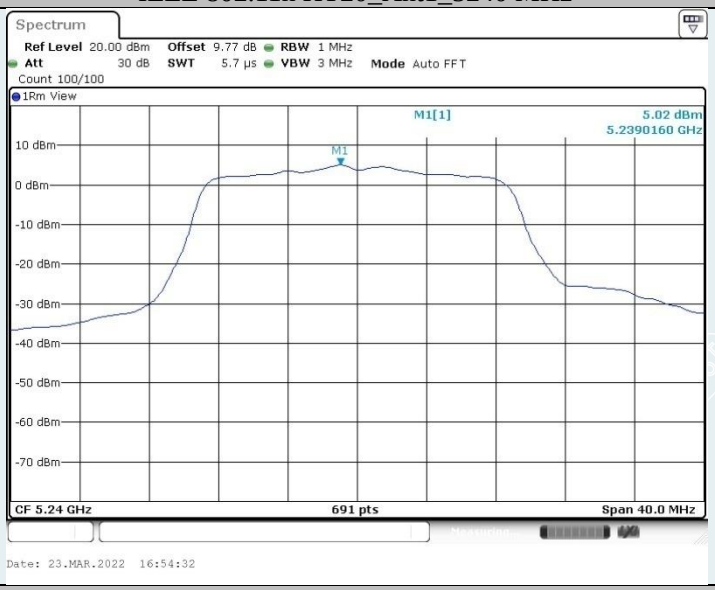
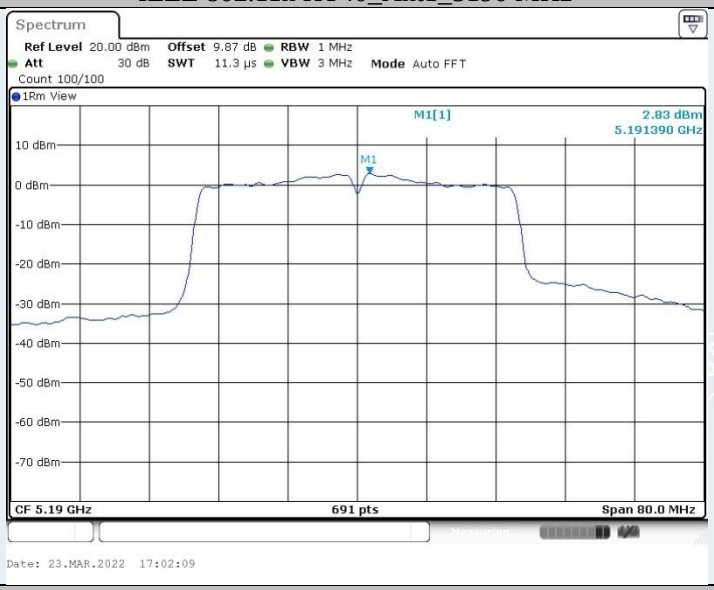

IEEE 802.11n HT20_Ant1_5745 MHz


IEEE 802.11n HT20_Ant1_5785 MHz

IEEE 802.11n HT20_Ant1_5825 MHz

IEEE 802.11n HT40_Ant1_5190 MHz

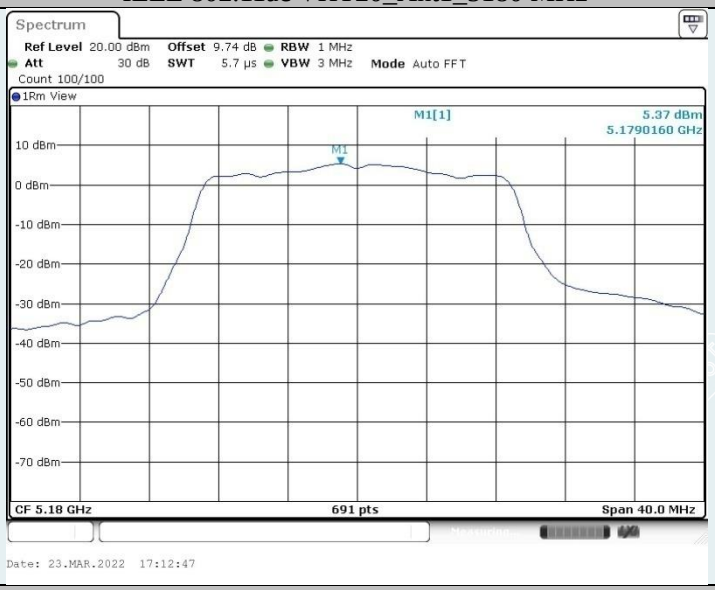


IEEE 802.11n HT40_Ant1_5230 MHz

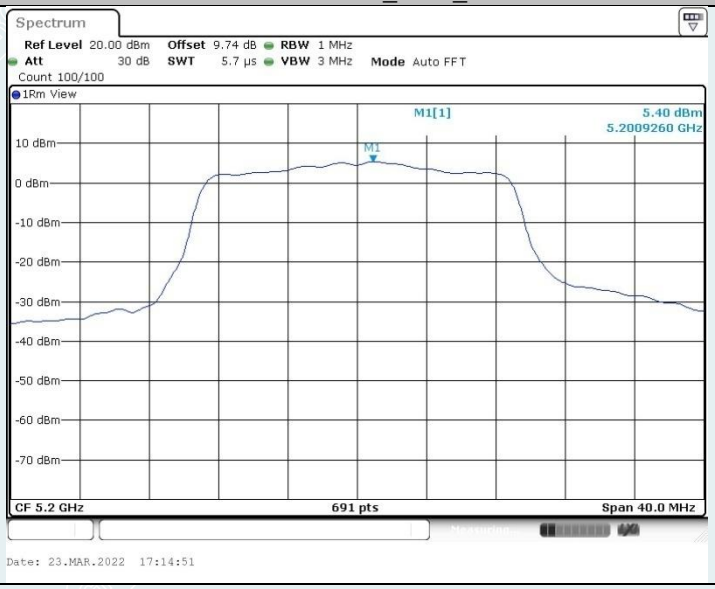
IEEE 802.11n HT40_Ant1_5755 MHz

IEEE 802.11n HT40_Ant1_5795 MHz


IEEE 802.11ac VHT20_Ant1_5180 MHz



IEEE 802.11ac VHT20_Ant1_5200 MHz



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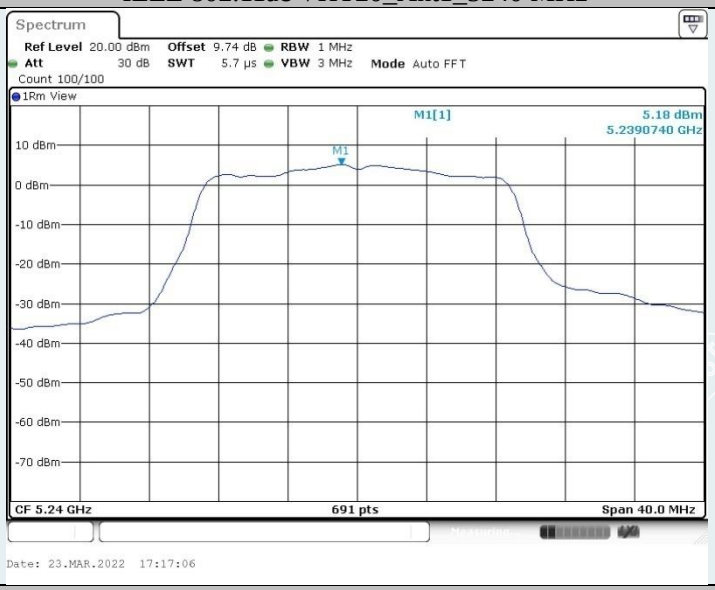
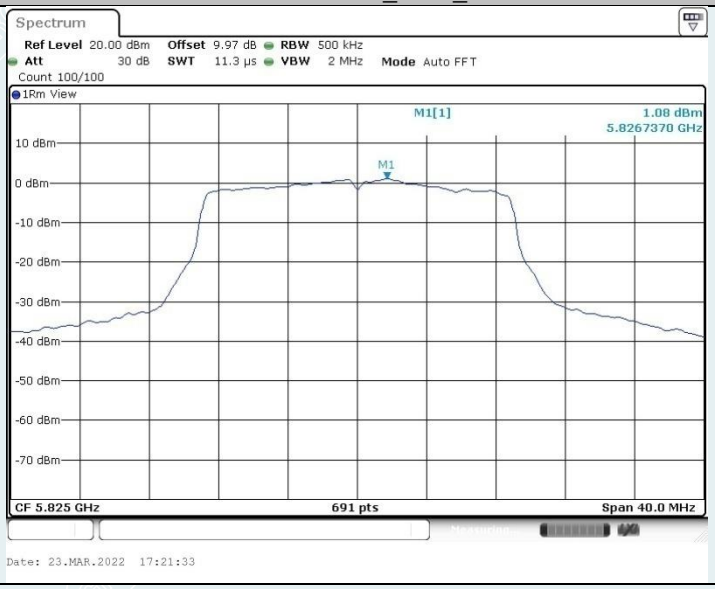
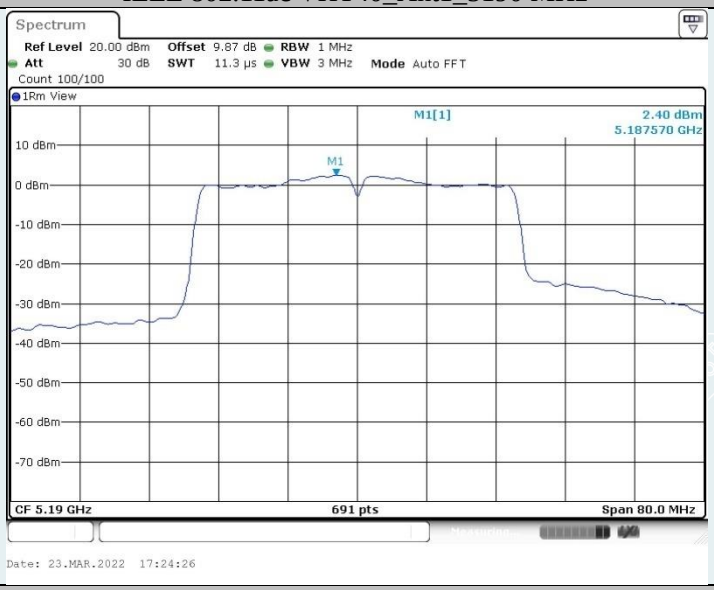

IEEE 802.11ac VHT20_Ant1_5745 MHz

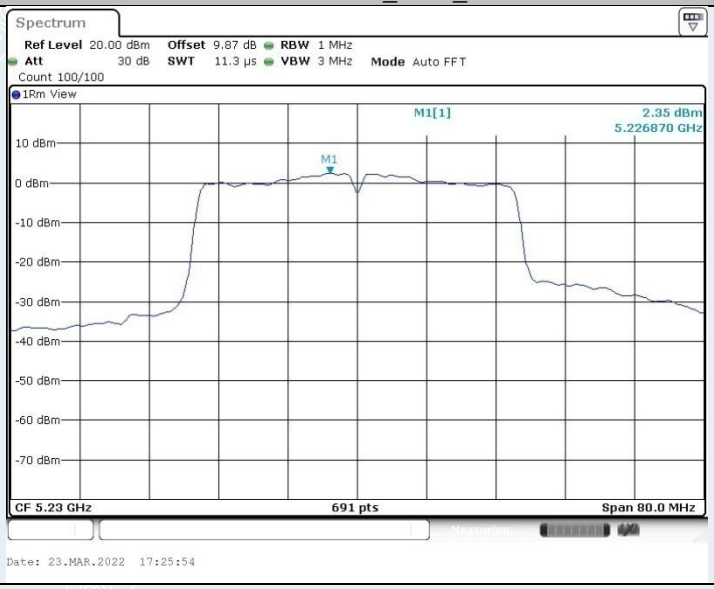

IEEE 802.11ac VHT20_Ant1_5785 MHz

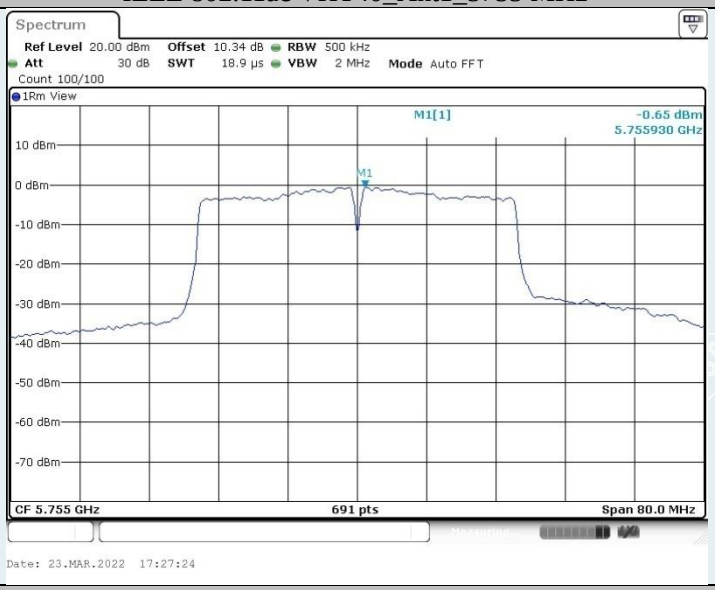
IEEE 802.11ac VHT20_Ant1_5825 MHz


IEEE 802.11ac VHT40_Ant1_5190 MHz



IEEE 802.11ac VHT40_Ant1_5230 MHz



IEEE 802.11ac VHT40_Ant1_5755 MHz

IEEE 802.11ac VHT40_Ant1_5795 MHz


IEEE 802.11ac VHT80_Ant1_5210 MHz

IEEE 802.11ac VHT80_Ant1_5775 MHz

11. FREQUENCY STABILITY

11.1. LIMITS

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

11.2. TEST PROCEDURES

(1) Frequency stability with respect to ambient temperature

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible.Turn ON the EUT and tune it to one of the number of frequencies shown in §ANSI C63.10-2013(5.6).

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

g) Measure the frequency at each of frequencies specified in §ANSI C63.10-2013(5.6).

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more that 10^{o}C, and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.

(2) Frequency stability when varying supply voltage

a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

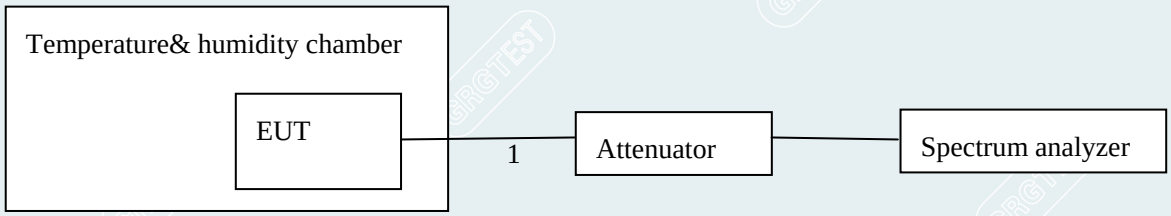
NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.

b) Tune the EUT to one of the number of frequencies required in §ANSI C63.10-2013(5.6). Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

c) Measure the frequency at each of the frequencies specified in §ANSI C63.10-2013(5.6).

d) Repeat the above procedure at 85% and 115% of the nominal supply voltage as described in §ANSI C63.10-2013(5.13).

11.3. TEST SETUP



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11.4. TEST RESULTS

Tested By	Deng Weihao	**Tested Date**	2022-03-23
Environmental Conditions	22.6℃/48%RH	**Test Voltage**	AC120V/60Hz

Voltage Variation								
Test Mode	Antenna	Frequency (MHz)	Voltage [V]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant1	5180	NV	NT	-11000	-2.123552	20	PASS
			LV	NT	-11000	-2.123552	20	PASS
			HV	NT	-10000	-1.930502	20	PASS
		5200	NV	NT	-11000	-2.115385	20	PASS
			LV	NT	-11000	-2.115385	20	PASS
			HV	NT	-11000	-2.115385	20	PASS
		5240	NV	NT	-10000	-1.908397	20	PASS
			LV	NT	-11000	-2.099237	20	PASS
			HV	NT	-11000	-2.099237	20	PASS
		5745	NV	NT	-12000	-2.088773	20	PASS
			LV	NT	-12000	-2.088773	20	PASS
			HV	NT	-11000	-1.914708	20	PASS
		5785	NV	NT	-13000	-2.247191	20	PASS
			LV	NT	-12000	-2.07433	20	PASS
			HV	NT	-12000	-2.07433	20	PASS
		5825	NV	NT	-12000	-2.060086	20	PASS
			LV	NT	-11000	-1.888412	20	PASS
			HV	NT	-11000	-1.888412	20	PASS
IEEE 802.11n HT20	Ant1	5180	NV	NT	-10000	-1.930502	20	PASS
			LV	NT	-10000	-1.930502	20	PASS
			HV	NT	-9000	-1.737452	20	PASS
		5200	NV	NT	-10000	-1.923077	20	PASS
			LV	NT	-11000	-2.115385	20	PASS
			HV	NT	-11000	-2.115385	20	PASS
		5240	NV	NT	-10000	-1.908397	20	PASS
			LV	NT	-10000	-1.908397	20	PASS
			HV	NT	-10000	-1.908397	20	PASS
		5745	NV	NT	-11000	-1.914708	20	PASS
			LV	NT	-11000	-1.914708	20	PASS
			HV	NT	-11000	-1.914708	20	PASS

		5785	NV	NT	-11000	-1.901469	20	PASS
			LV	NT	-11000	-1.901469	20	PASS
			HV	NT	-11000	-1.901469	20	PASS
		5825	NV	NT	-11000	-1.888412	20	PASS
			LV	NT	-11000	-1.888412	20	PASS
			HV	NT	-11000	-1.888412	20	PASS
IEEE 802.11n HT40	Ant1	5190	NV	NT	15000	2.890173	20	PASS
			LV	NT	15000	2.890173	20	PASS
			HV	NT	15000	2.890173	20	PASS
		5230	NV	NT	-11000	-2.10325	20	PASS
			LV	NT	-10000	-1.912046	20	PASS
			HV	NT	-10000	-1.912046	20	PASS
		5755	NV	NT	-11000	-1.911381	20	PASS
			LV	NT	-11000	-1.911381	20	PASS
			HV	NT	-11000	-1.911381	20	PASS
		5795	NV	NT	-12000	-2.070751	20	PASS
			LV	NT	-11000	-1.898188	20	PASS
			HV	NT	-11000	-1.898188	20	PASS
IEEE 802.11ac VHT20	Ant1	5180	NV	NT	-11000	-2.123552	20	PASS
			LV	NT	-10000	-1.930502	20	PASS
			HV	NT	-10000	-1.930502	20	PASS
		5200	NV	NT	-11000	-2.115385	20	PASS
			LV	NT	-11000	-2.115385	20	PASS
			HV	NT	-11000	-2.115385	20	PASS
		5240	NV	NT	-11000	-2.099237	20	PASS
			LV	NT	-10000	-1.908397	20	PASS
			HV	NT	-10000	-1.908397	20	PASS
		5745	NV	NT	-12000	-2.088773	20	PASS
			LV	NT	-12000	-2.088773	20	PASS
			HV	NT	-12000	-2.088773	20	PASS
		5785	NV	NT	-11000	-1.901469	20	PASS
			LV	NT	-11000	-1.901469	20	PASS
			HV	NT	-11000	-1.901469	20	PASS
		5825	NV	NT	-11000	-1.888412	20	PASS
			LV	NT	-11000	-1.888412	20	PASS
			HV	NT	-11000	-1.888412	20	PASS
IEEE 802.11ac VHT40	Ant1	5190	NV	NT	-10000	-1.926782	20	PASS
			LV	NT	-10000	-1.926782	20	PASS
			HV	NT	-10000	-1.926782	20	PASS
		5230	NV	NT	-10000	-1.912046	20	PASS
			LV	NT	-10000	-1.912046	20	PASS
			HV	NT	-10000	-1.912046	20	PASS

		5755	NV	NT	-11000	-1.911381	20	PASS
			LV	NT	-11000	-1.911381	20	PASS
			HV	NT	-11000	-1.911381	20	PASS
		5795	NV	NT	-11000	-1.898188	20	PASS
			LV	NT	-11000	-1.898188	20	PASS
			HV	NT	-11000	-1.898188	20	PASS
IEEE 802.11ac VHT80	Ant1	5210	NV	NT	-10000	-1.919386	20	PASS
			LV	NT	-10000	-1.919386	20	PASS
			HV	NT	-10000	-1.919386	20	PASS
		5775	NV	NT	-11000	-1.904762	20	PASS
			LV	NT	-11000	-1.904762	20	PASS
			HV	NT	-11000	-1.904762	20	PASS

Temperature Variation								
Test Mode	Antenna	Frequency (MHz)	Voltage [V]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant1	5180	NV	0	-10000	-1.930502	20	PASS
			NV	10	-10000	-1.930502	20	PASS
			NV	20	-10000	-1.930502	20	PASS
			NV	30	-11000	-2.123552	20	PASS
			NV	40	-10000	-1.930502	20	PASS
			NV	50	-10000	-1.930502	20	PASS
		5200	NV	0	-12000	-2.307692	20	PASS
			NV	10	-10000	-1.923077	20	PASS
			NV	20	-11000	-2.115385	20	PASS
			NV	30	-10000	-1.923077	20	PASS
			NV	40	-11000	-2.115385	20	PASS
			NV	50	-11000	-2.115385	20	PASS
		5240	NV	0	-10000	-1.908397	20	PASS
			NV	10	-10000	-1.908397	20	PASS
			NV	20	-10000	-1.908397	20	PASS
			NV	30	-10000	-1.908397	20	PASS
			NV	40	-10000	-1.908397	20	PASS
			NV	50	-10000	-1.908397	20	PASS
		5745	NV	0	-12000	-2.088773	20	PASS
			NV	10	-12000	-2.088773	20	PASS
			NV	20	-12000	-2.088773	20	PASS
			NV	30	-12000	-2.088773	20	PASS
			NV	40	-12000	-2.088773	20	PASS
			NV	50	-12000	-2.088773	20	PASS
		5785	NV	0	-11000	-1.901469	20	PASS

			NV	10	-11000	-1.901469	20	PASS
			NV	20	-11000	-1.901469	20	PASS
			NV	30	-11000	-1.901469	20	PASS
			NV	40	-11000	-1.901469	20	PASS
			NV	50	-11000	-1.901469	20	PASS
		5825	NV	0	-11000	-1.888412	20	PASS
			NV	10	-11000	-1.888412	20	PASS
			NV	20	-11000	-1.888412	20	PASS
			NV	30	-11000	-1.888412	20	PASS
			NV	40	-11000	-1.888412	20	PASS
			NV	50	-11000	-1.888412	20	PASS
IEEE 802.11n HT20	Ant1	5180	NV	0	-10000	-1.930502	20	PASS
			NV	10	-11000	-2.123552	20	PASS
			NV	20	-10000	-1.930502	20	PASS
			NV	30	-10000	-1.930502	20	PASS
			NV	40	-10000	-1.930502	20	PASS
			NV	50	-10000	-1.930502	20	PASS
		5200	NV	0	-11000	-2.115385	20	PASS
			NV	10	-11000	-2.115385	20	PASS
			NV	20	-11000	-2.115385	20	PASS
			NV	30	-11000	-2.115385	20	PASS
			NV	40	-10000	-1.923077	20	PASS
			NV	50	-11000	-2.115385	20	PASS
		5240	NV	0	-11000	-2.099237	20	PASS
			NV	10	-11000	-2.099237	20	PASS
			NV	20	-10000	-1.908397	20	PASS
			NV	30	-11000	-2.099237	20	PASS
			NV	40	-11000	-2.099237	20	PASS
			NV	50	-10000	-1.908397	20	PASS
		5745	NV	0	-12000	-2.088773	20	PASS
			NV	10	-11000	-1.914708	20	PASS
			NV	20	-11000	-1.914708	20	PASS
			NV	30	-12000	-2.088773	20	PASS
			NV	40	-11000	-1.914708	20	PASS
			NV	50	-11000	-1.914708	20	PASS
		5785	NV	0	-11000	-1.901469	20	PASS
			NV	10	-11000	-1.901469	20	PASS
			NV	20	-11000	-1.901469	20	PASS
			NV	30	-11000	-1.901469	20	PASS
			NV	40	-11000	-1.901469	20	PASS
			NV	50	-11000	-1.901469	20	PASS
		5825	NV	0	-11000	-1.888412	20	PASS

			NV	10	-11000	-1.888412	20	PASS
			NV	20	-11000	-1.888412	20	PASS
			NV	30	-11000	-1.888412	20	PASS
			NV	40	-11000	-1.888412	20	PASS
			NV	50	-11000	-1.888412	20	PASS
IEEE 802.11n HT40	Ant1	5190	NV	0	15000	2.890173	20	PASS
			NV	10	15000	2.890173	20	PASS
			NV	20	15000	2.890173	20	PASS
			NV	30	15000	2.890173	20	PASS
			NV	40	15000	2.890173	20	PASS
			NV	50	15000	2.890173	20	PASS
		5230	NV	0	-10000	-1.912046	20	PASS
			NV	10	-10000	-1.912046	20	PASS
			NV	20	-10000	-1.912046	20	PASS
			NV	30	-10000	-1.912046	20	PASS
			NV	40	-10000	-1.912046	20	PASS
			NV	50	-10000	-1.912046	20	PASS
		5755	NV	0	-11000	-1.911381	20	PASS
			NV	10	-11000	-1.911381	20	PASS
			NV	20	-11000	-1.911381	20	PASS
			NV	30	-11000	-1.911381	20	PASS
			NV	40	-11000	-1.911381	20	PASS
			NV	50	-11000	-1.911381	20	PASS
		5795	NV	0	-11000	-1.898188	20	PASS
			NV	10	-11000	-1.898188	20	PASS
			NV	20	-11000	-1.898188	20	PASS
			NV	30	-11000	-1.898188	20	PASS
			NV	40	-11000	-1.898188	20	PASS
			NV	50	-11000	-1.898188	20	PASS
IEEE 802.11ac VHT20	Ant1	5180	NV	0	-10000	-1.930502	20	PASS
			NV	10	-10000	-1.930502	20	PASS
			NV	20	-10000	-1.930502	20	PASS
			NV	30	-11000	-2.123552	20	PASS
			NV	40	-10000	-1.930502	20	PASS
			NV	50	-11000	-2.123552	20	PASS
		5200	NV	0	-10000	-1.923077	20	PASS
			NV	10	-10000	-1.923077	20	PASS
			NV	20	-11000	-2.115385	20	PASS
			NV	30	-10000	-1.923077	20	PASS
			NV	40	-11000	-2.115385	20	PASS
			NV	50	-10000	-1.923077	20	PASS
		5240	NV	0	-10000	-1.908397	20	PASS

			NV	10	-11000	-2.099237	20	PASS
			NV	20	-11000	-2.099237	20	PASS
			NV	30	-10000	-1.908397	20	PASS
			NV	40	-11000	-2.099237	20	PASS
			NV	50	-10000	-1.908397	20	PASS
		5745	NV	0	-11000	-1.914708	20	PASS
			NV	10	-12000	-2.088773	20	PASS
			NV	20	-11000	-1.914708	20	PASS
			NV	30	-12000	-2.088773	20	PASS
			NV	40	-12000	-2.088773	20	PASS
			NV	50	-11000	-1.914708	20	PASS
		5785	NV	0	-11000	-1.901469	20	PASS
			NV	10	-11000	-1.901469	20	PASS
			NV	20	-11000	-1.901469	20	PASS
			NV	30	-11000	-1.901469	20	PASS
			NV	40	-11000	-1.901469	20	PASS
			NV	50	-11000	-1.901469	20	PASS
		5825	NV	0	-11000	-1.888412	20	PASS
			NV	10	-11000	-1.888412	20	PASS
			NV	20	-11000	-1.888412	20	PASS
			NV	30	-11000	-1.888412	20	PASS
			NV	40	-11000	-1.888412	20	PASS
			NV	50	-11000	-1.888412	20	PASS
IEEE 802.11ac VHT40	Ant1	5190	NV	0	-10000	-1.926782	20	PASS
			NV	10	-10000	-1.926782	20	PASS
			NV	20	-10000	-1.926782	20	PASS
			NV	30	-10000	-1.926782	20	PASS
			NV	40	-10000	-1.926782	20	PASS
			NV	50	-10000	-1.926782	20	PASS
		5230	NV	0	-10000	-1.912046	20	PASS
			NV	10	-10000	-1.912046	20	PASS
			NV	20	-10000	-1.912046	20	PASS
			NV	30	-10000	-1.912046	20	PASS
			NV	40	-10000	-1.912046	20	PASS
			NV	50	-10000	-1.912046	20	PASS
		5755	NV	0	-11000	-1.911381	20	PASS
			NV	10	-11000	-1.911381	20	PASS
			NV	20	-11000	-1.911381	20	PASS
			NV	30	-11000	-1.911381	20	PASS
			NV	40	-11000	-1.911381	20	PASS
			NV	50	-11000	-1.911381	20	PASS
		5795	NV	0	-11000	-1.898188	20	PASS

			NV	10	-11000	-1.898188	20	PASS
			NV	20	-11000	-1.898188	20	PASS
			NV	30	-11000	-1.898188	20	PASS
			NV	40	-11000	-1.898188	20	PASS
			NV	50	-11000	-1.898188	20	PASS
IEEE 802.11ac VHT80	Ant1	5210	NV	0	-10000	-1.919386	20	PASS
			NV	10	-10000	-1.919386	20	PASS
			NV	20	-10000	-1.919386	20	PASS
			NV	30	-10000	-1.919386	20	PASS
			NV	40	-10000	-1.919386	20	PASS
			NV	50	-10000	-1.919386	20	PASS
		5775	NV	0	-11000	-1.904762	20	PASS
			NV	10	-11000	-1.904762	20	PASS
			NV	20	-11000	-1.904762	20	PASS
			NV	30	-11000	-1.904762	20	PASS
			NV	40	-11000	-1.904762	20	PASS
			NV	50	-11000	-1.904762	20	PASS

Note: 1.This report records the worst case of temperature change test observation time 0/2/5/10min .
2.Test Voltage-NV: AC120V/60Hz, Test Voltage-LV: AC102V/60Hz, Test Voltage-HV: AC138V/60Hz.
3.Temperature Range: 0℃~50℃, Temperature-NT: 24℃.

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E202112276794-Test photo-27.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E202112276794-EUT photo-27.

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